

**To:** Keener, Bill[Keener.Bill@epa.gov]; Zito, Kelly[ZITO.KELLY@EPA.GOV]  
**Cc:** Guria, Peter[Guria.Peter@epa.gov]; Robberson, Bill[Robberson.Bill@epa.gov]; Allen, HarryL[Allen.HarryL@epa.gov]; Manzanilla, Enrique[Manzanilla.Enrique@epa.gov]  
**From:** Moore, Kathi  
**Sent:** Wed 8/12/2015 4:57:14 PM  
**Subject:** FW: Sampling effort questions - Answered

Additional information from Randy on the details of the sampling.

**From:** Nattis, Randy  
**Sent:** Tuesday, August 11, 2015 10:21 PM  
**To:** Moore, Kathi; Guria, Peter; Harris-Bishop, Rusty; Robberson, Bill; Yogi, David  
**Cc:** Moxley, Bret; Wise, Robert  
**Subject:** Sampling effort questions - Answered

**You say 11 locations, but how many samples? And how are they across the river... 3 at one location, 2 at another?**

- One sample collected at each location for a total of 11 investigative samples and 2 duplicate samples which are collected at random through the sampling event.

- Not sure what is meant by, "how are they across the river", but each sample is collected from the bank in approximately the same location that NNEPA collects their typical surface water sample from. A more "central" surface water sample may be collected when boat ops commence.

**Can you spell out the names of the locations? ie SJLP means San Juan L...P...**

SJLP - San Juan and La Plata Highway

SJFP - PNM Intake (Fish Pass)

SJHB - San Juan at Hogback

SJSR - San Juan at Shiprock

SJDS - San Juan DS from Shiprock

SJ4C - San Juan at 4 Corners

SJME - San Juan at McElmo Creek

SJMC -San Juan at Montezuma Creek

SJBB - San Juan at Bluff Bridge

SJMH - San Juan at Mexican Hat

SJPF - San Juan at Paiute Farms

MECT - McElmo Creek Tributary

**Is each sample surface water AND sediment?**

Samples were originally just surface water but sediment samples were collected on 8/10/15 and will become a part of the regular sampling effort.

**How many river miles does this sampling effort cover?**

Approximately 130 river miles.

**Flow rates (Sample flow rates of River flow rates)?**

sample - Approximately 500 ML per minute.

river - 1700 cubic feet per second (CFS)

I hope this helps.

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